

clip coupling member 10, also from the previous embodiment. Clip coupling member 10 to which plant 9 is attached, is fastened between adjacent rails 102 in the same manner as described with reference to the previous embodiment depicted in FIG. 3. Use of such a configuration provides the following advantages. Clip coupling member 10 can slide continuously between lateral supports 103, thereby providing higher resolution positioning than a support element having discrete attachment locations. Furthermore, by arranging lateral supports 103 parallel with the front and back of an aquarium when received therein, support element 100 permits convenient and economically advantageous sizing to suit a wide range of sizes. Since a majority of aquariums are of uniform width (i.e. the distance measured from front to back), only the length of lateral supports 103 need be altered to customize support element 100 for each aquarium application. Moreover, use of rails 102 which are removably connected to lateral supports 103, enables support element to be sold in knocked-down kit form, for installation by the user. Knowing the size of the aquarium, the consumer would merely specify the length of lateral supports 103 required for a particular aquarium size, and the number of rods 102 accommodated by that length.

Additionally, the present invention is particularly suited to its embodiment as a kit with which components for anchoring accessory items in an aquarium can be provided so that the user has at hand, with purchase of a kit, all that is needed to achieve that end. Such a kit would contain a support element sized according to the aquarium in which it is to be included. Optionally, artificial plants or other decorative accessories could also be supplied as part of the kit. In a particularly advantageous embodiment, the kit would contain a plurality of joinable sections connectable to one another, end to end and/or side to side, to form a contiguous integrated support element of appropriate size, permitting custom sizing for use in various size aquariums, as described above in a previous embodiment. In the event the support element and/or the articles themselves did not include inherent in their structure means for article/support element coupling, one or more coupling members designed for use with the support element and for holding an article, for example, any of the artificial plants presently available on the market would also be included in such a kit. Further, such a kit would optionally include a selection of artificial plants, which when connected to the support member at selected discrete locations therealong, would, when so assembled by the user, recreate pre-designed plant arrangements matching those prescribed and illustrated by directions included with the kit, also as mentioned above in a previous embodiment. Still further, numbered and/or lettered index markings according to an embodiment above could also optionally be provided on the support element, corresponding to rows and columns of attachment points, conveniently disposed along the edges running the length and width thereof, to facilitate location of the plants in their proper location within the matrix of possible discrete attachment locations. Referring to FIG. 16, one such kit is illustrated, generally designated 110. Kit 110 includes support element 1, clip coupling members 10, securement pads 5 and a selection of artificial plants 9. Such a kit 110 would be boxed or contained in a bag for customer convenience.

It is still further noted, that many artificial aquarium plants currently being manufactured are provided with some form of anchoring base, such as for example a disk-like member, and hence already incorporate a removable coupling means between the plant and the existing anchor. Therefore, in designing a coupling member for use with the present

invention, it may be found commercially desirable to use a cooperating structure matching that of the existing coupling means already present on the plant. In this way, the existing anchor could be removed from the plant, and the plant then fastened, by the same principle of attachment, to the coupling member of the present invention, or directly to a support structure designed specifically for attachably receiving the plant. Further, any number of differently designed support elements as well as coupling members are possible. For example, the support element need not be perforated, but rather contain a plurality of upward projections onto which some type of female connector adapted to engage the projections could be fastened. Moreover, as already mentioned, coupling members can be omitted completely, and the plant and/or article provided with a fastening means as an integral part.

Having described preferred embodiments of the invention with reference to the accompanying drawings, it is to be understood that the invention is not limited to those precise embodiments, and that various changes and modifications may be effected therein by one skilled in the art without departing from the scope or spirit of the invention as defined in the appended claims.

What is claimed is:

1. An accessory for anchoring an article within an enclosure, comprising:

a support element including structure presenting a widened support expanse, receivable within said enclosure and being securable with respect thereto;

said support element including means for selectively positioning said article at any one selected location of a plurality of widened support expanse locations for disposition of said article in a position in which said article at least partially extends from an article disposition side of said widened support expanse; and

means for fastening said article to said support element along said widened support expanse at said one selected location, said means for fastening including blocking structure movable with respect to cooperating structure carried on said support element by one of reorientation and deformation of at least one of said blocking structure and said cooperating structure from a position in which said blocking structure interferes with said cooperating structure of said support element and inhibits forcible separation of said article from said support element, to another position in which interference between said blocking structure and said cooperating structure of said support element is at least partially relieved for facilitated detachment of said article from said support element, said means for fastening being operable from said article disposition side.

2. The article anchoring accessory according to claim 1, wherein said support element is made in plural joinable sections.

3. The article anchoring accessory according to claim 1, wherein:

said widened support expanse includes a plurality of perforations therethrough;

said means for fastening an article includes at least one coupling member carrying a clasping element for engaging said widened support expanse; and

said coupling member includes means for holding said article.

4. The article anchoring accessory according to claim 3, wherein at least one of a structure defining said plurality of perforations and said at least one coupling member includes

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means for self-centering said coupling member when effecting engagement thereof with said support element.

5. The article anchoring accessory according to claim 4, wherein:

structure defining at least a portion of said plurality of perforations includes tapered entryways; and
said at least one coupling member includes a tapered structure on a support element engagement end portion of same.

6. The article anchoring accessory according to claim 5, wherein said plurality of perforations are arranged in a bee-hive array of same.

7. The article anchoring accessory according to claim 1, further comprising means for securing said support element to said enclosure.

8. The article anchoring accessory according to claim 7, wherein said securing means includes cooperative securing elements disposable on said bottom of said enclosure and carried on said structure.

9. The article anchoring accessory according to claim 7, wherein said means for securing comprises a gravel layer above said structure.

10. The article anchoring accessory according to claim 1, wherein said support element is adapted for reception proximate a bottom of said enclosure, and includes means for spacing said widened support expanse above said bottom of said enclosure.

11. The article anchoring accessory according to claim 1, wherein said means for securably fastening includes cooperating structural elements carried on each of said article and said widened support expanse.

12. The article anchoring accessory according to claim 1, wherein said means for fastening includes a plurality of projections protruding from said article disposition side of said widened support expanse, said projections comprising male connecting means for cooperating with female connecting means.

13. The article anchoring accessory according to claim 1, wherein:

said widened support expanse includes a plurality of intersecting ribs; and
said plurality of perforations being openings adjoining and defined by ones of said plurality of intersecting ribs.

14. The article anchoring accessory according to claim 1, wherein:

said plurality of widened support expanse locations are arranged in a matrix; and
said support element includes index markings corresponding to intersecting rows and columns of said matrix whereby particular ones of said plurality of perforations can be located by reference to a row and column pair of said index markings.

15. The article anchoring accessory according to claim 1, wherein said widened support expanse includes a plurality of stepped regions.

16. The article anchoring accessory according to claim 15, wherein said support element further includes retaining ledges at the junctions of adjacent ones of said stepped regions.

17. The article anchoring accessory according to claim 1, wherein said support element includes a pair of lateral supports and a plurality of spaced apart rails extending therebetween.

18. Method of anchoring an article within an enclosure, comprising the steps of:

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securing a support element within said enclosure;
selectively positioning said article at a one selected location of a plurality of locations along said support element for disposition of said article in a position in which said article at least partially extends from an article disposition side of said widened support expanse; and

fastening said article to said support element at said one selected location, said means for fastening including blocking structure movable with respect to cooperating structure carried on said support element by one of reorientation and deformation of at least one of said blocking structure and said cooperating structure from a position in which said blocking structure interferes with said cooperating structure of said support element and inhibits forcible separation of said article from said support element, to another position in which interference between said blocking structure and said cooperating structure of said support element is at least partially relieved for facilitated detachment of said article from said support element, said means for fastening being operable from said article disposition side.

19. A kit for anchoring an article within an enclosure, comprising:

a support element including structure presenting a widened support expanse, receivable within said enclosure and being securable with respect thereto, said support element being dimensioned such that a periphery thereof is proximate an internal peripheral boundary of said enclosure when received therein, said structure defining a plurality of discrete attachment locations disposed along said widened support expanse;

at least one coupling member including means for fastening said article to said support element at a selected one of said plurality of discrete attachment locations, said means for fastening including blocking structure movable with respect to cooperating structure carried on said support element by one of reorientation and deformation of at least one of said blocking structure and said cooperating structure from a position in which said blocking structure interferes with said cooperating structure of said support element and inhibits forcible separation of said article from said support element, to another position in which interference between said blocking structure and said cooperating structure of said support element is at least partially relieved for facilitated detachment of said article from said support element, said means for fastening being operable from said article disposition side; and

said at least one coupling member including means for holding said article in a position in which said article extends at least partially from an article disposition side of said widened support expanse.

20. A method of anchoring an article within an enclosure, comprising the steps of:

securing a support element within said enclosure;
selectively positioning said article at a one selected location of a plurality of locations along said support element for disposition of said article in a position in which said article at least partially extends from an article disposition side of said widened support expanse;

securably fastening said article to said support element at said one selected location for engagement thereto in a manner resisting detachment from said support element, said means for securably fastening being operable from said article disposition side; and

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widened support expanse and said line, and said at least two coupling members being securably fastened to said support element.

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